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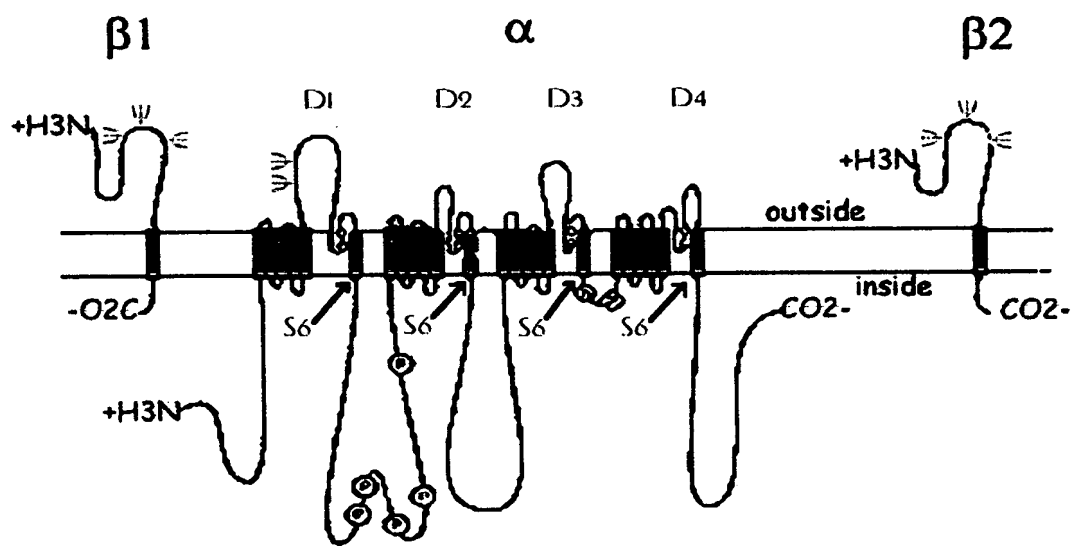


Figure 1

Fig. 2A

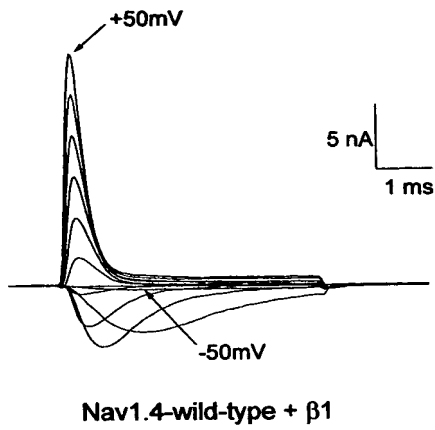


Fig. 2B

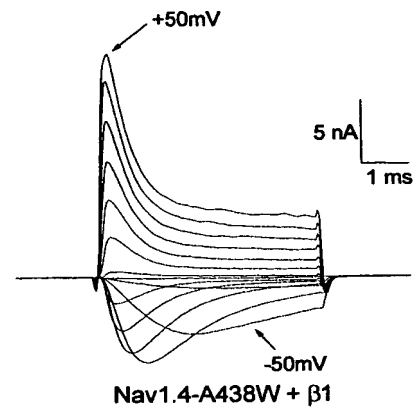


Fig. 2C

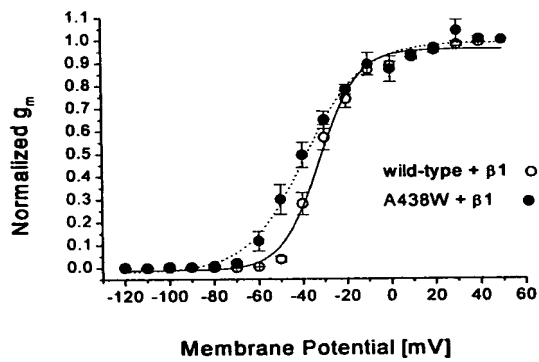


Figure 2

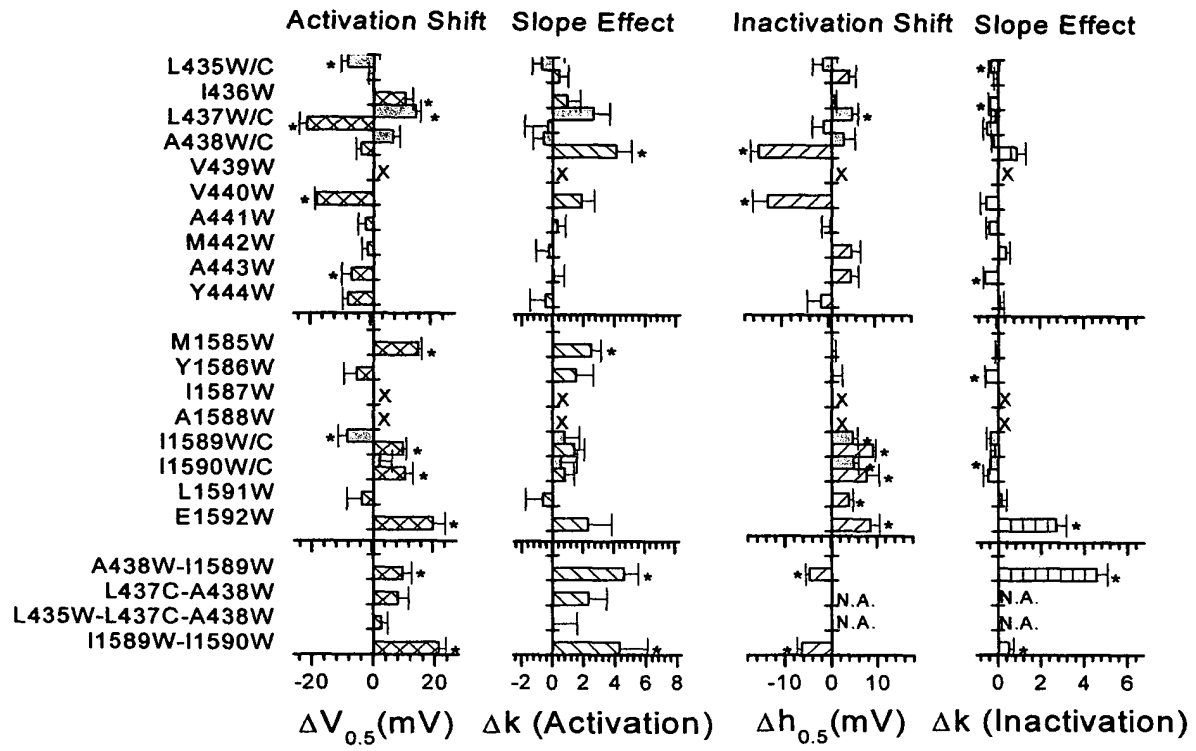


Figure 3

0794.047

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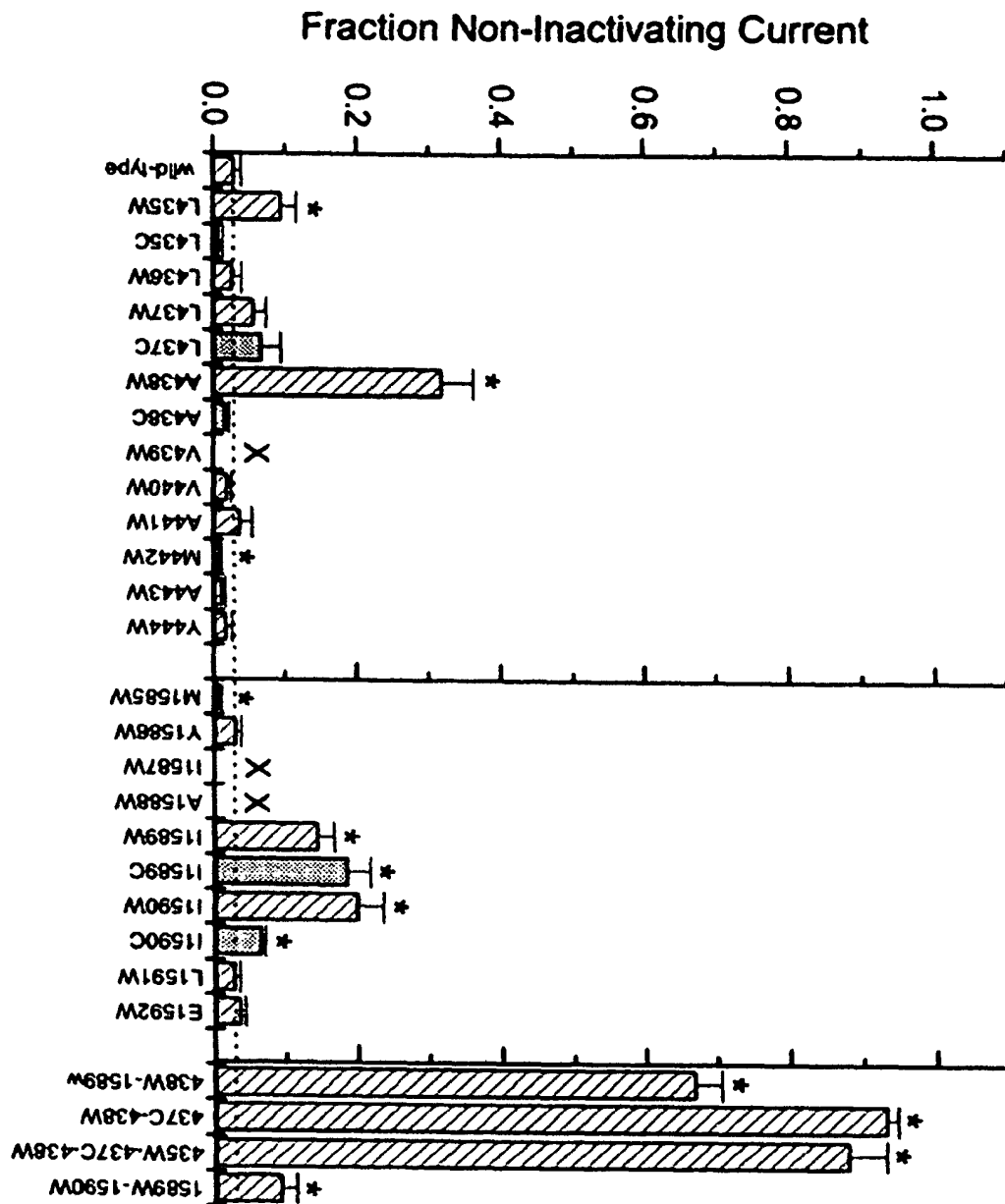


Figure 4

Fig. 5A

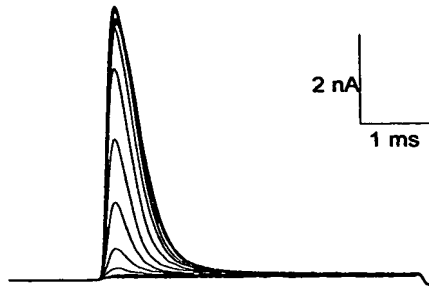
wild-type + $\beta 1$

Fig. 5B

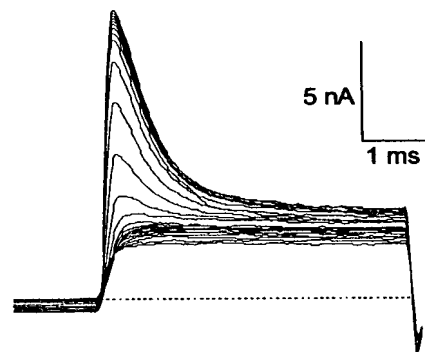
A438W + $\beta 1$

Fig. 5C

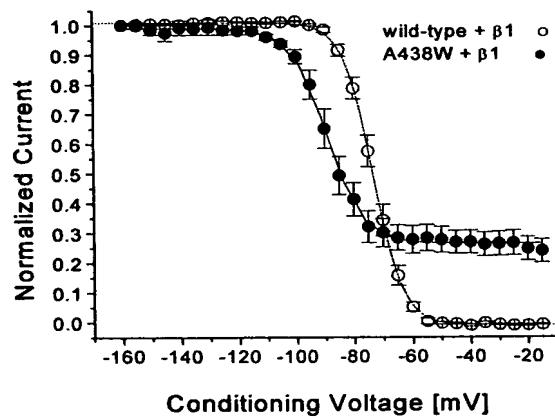


Figure 5

Fig. 6A

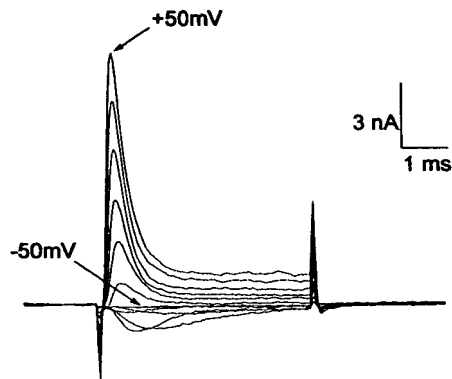


Fig. 6B

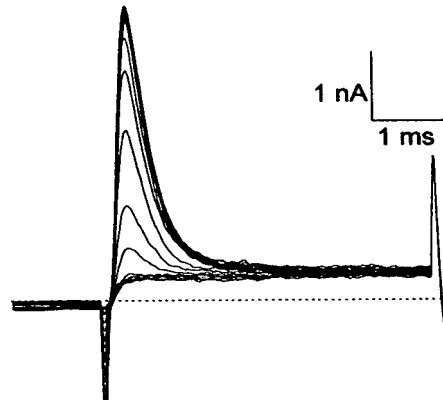


Fig. 6C

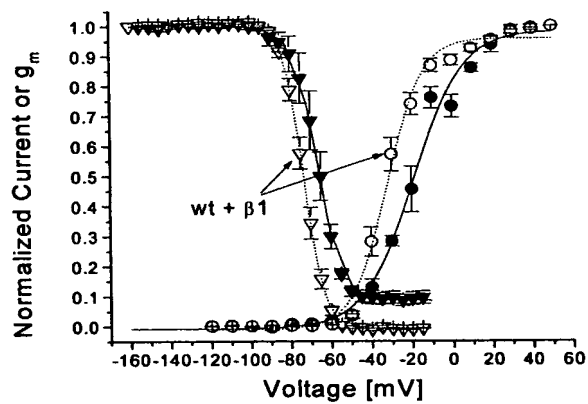


Figure 6

Fig. 7A

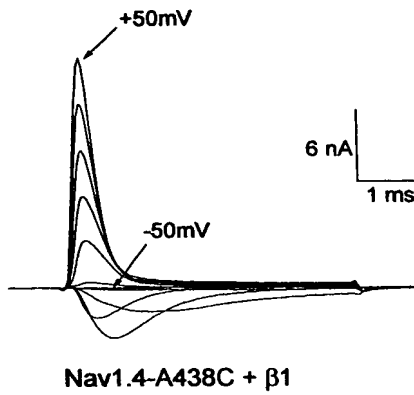


Fig. 7B

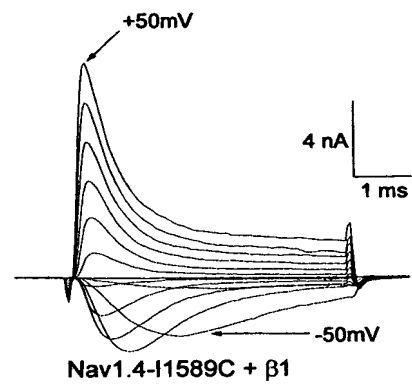


Fig. 7C

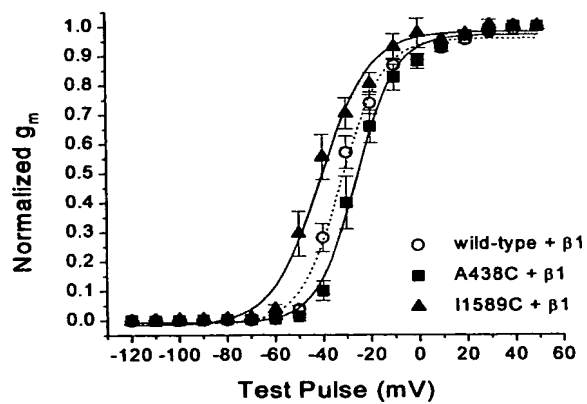


Figure 7

Fig. 8A

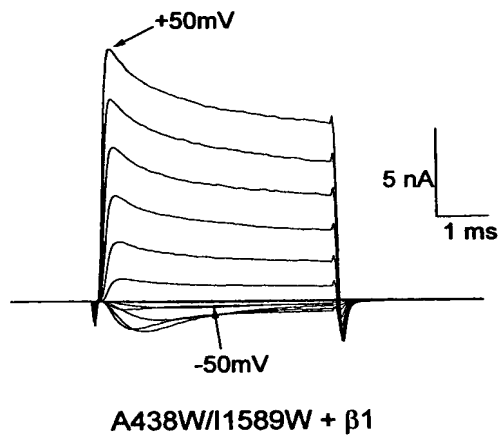


Fig. 8B

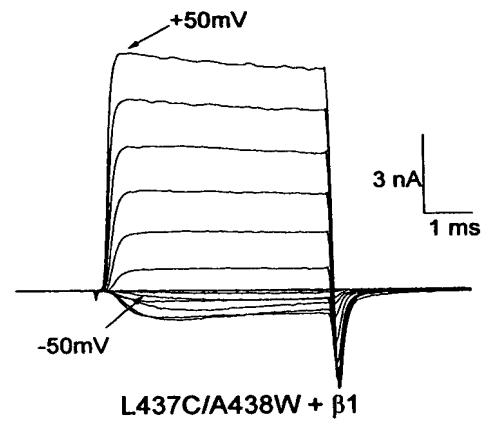


Fig. 8C

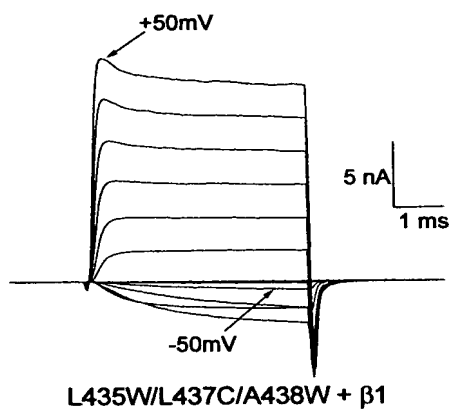


Fig. 8D

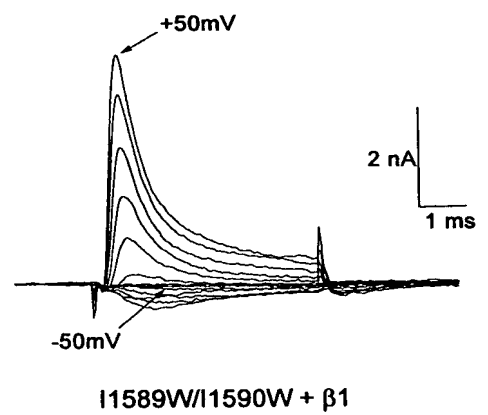


Figure 8

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Fig. 9A

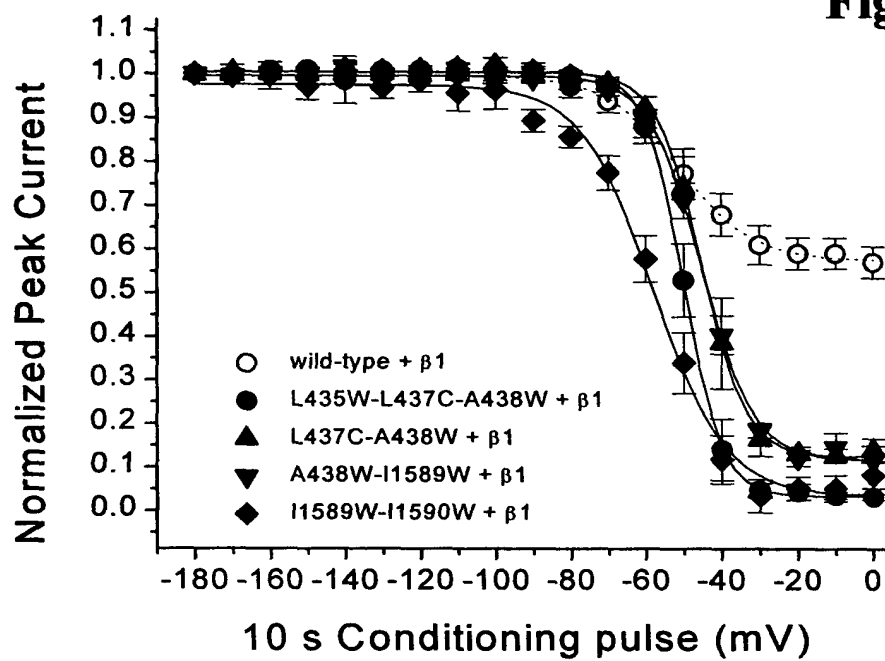


Fig. 9B

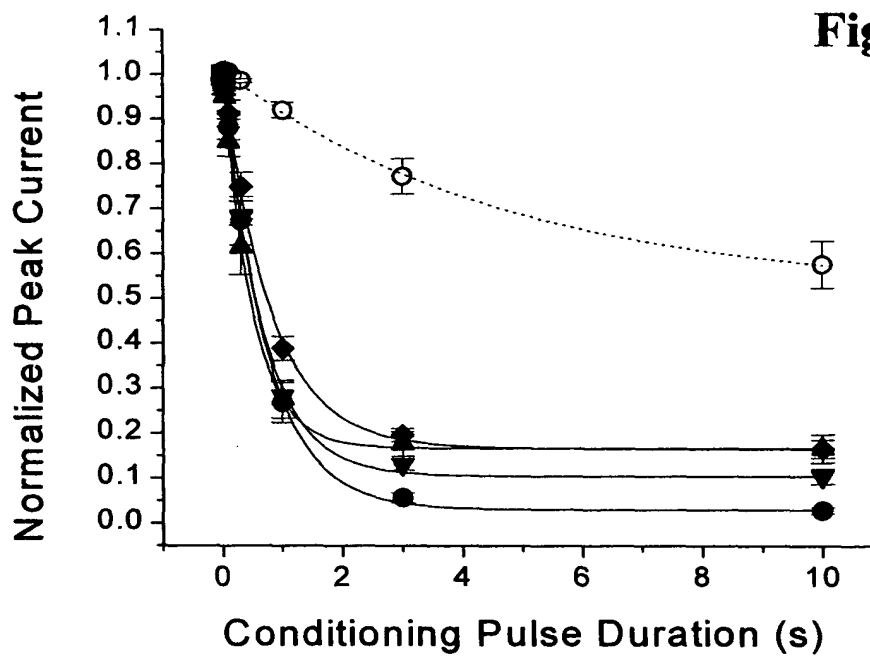


Figure 9

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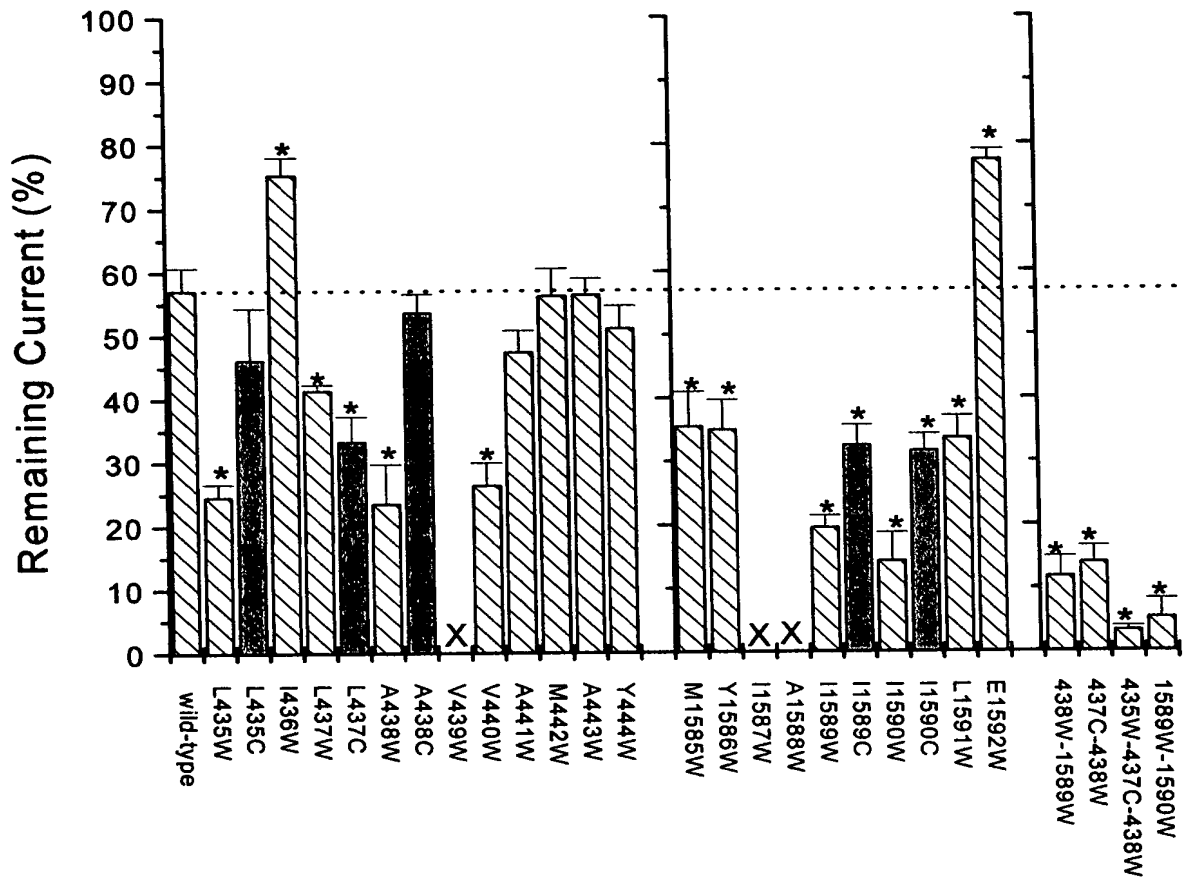


Figure 10

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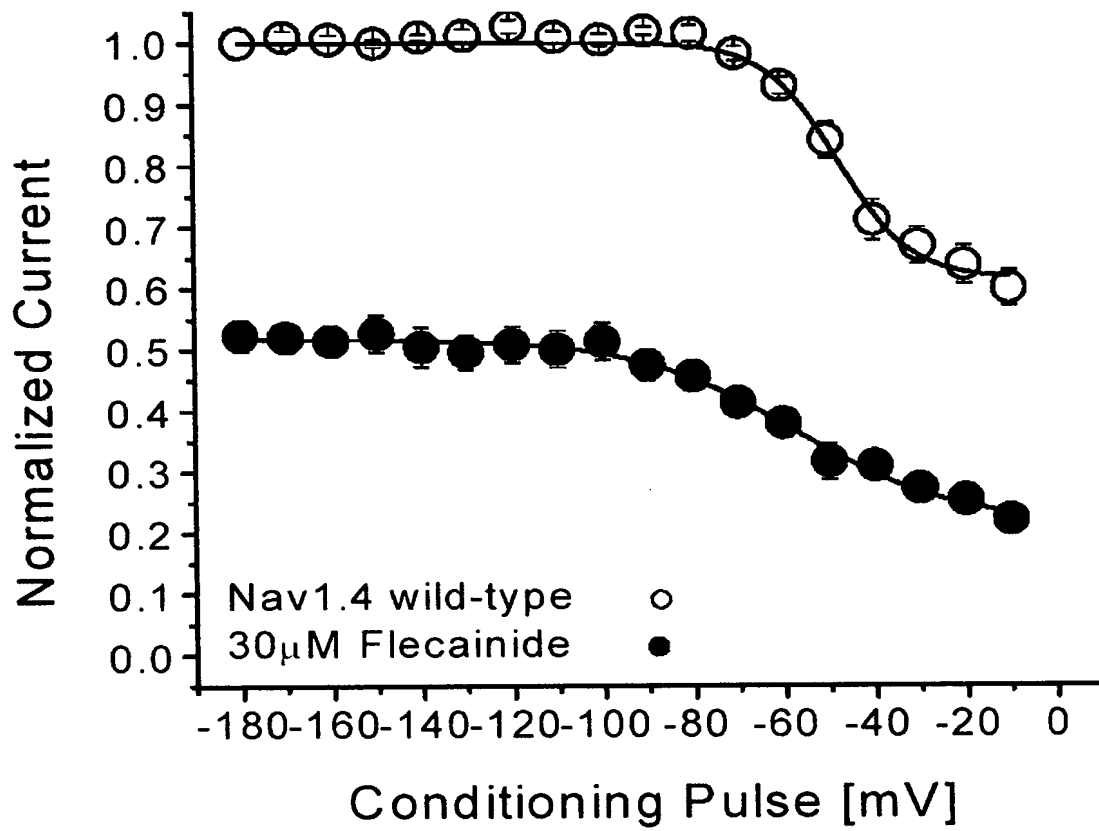


Figure 11

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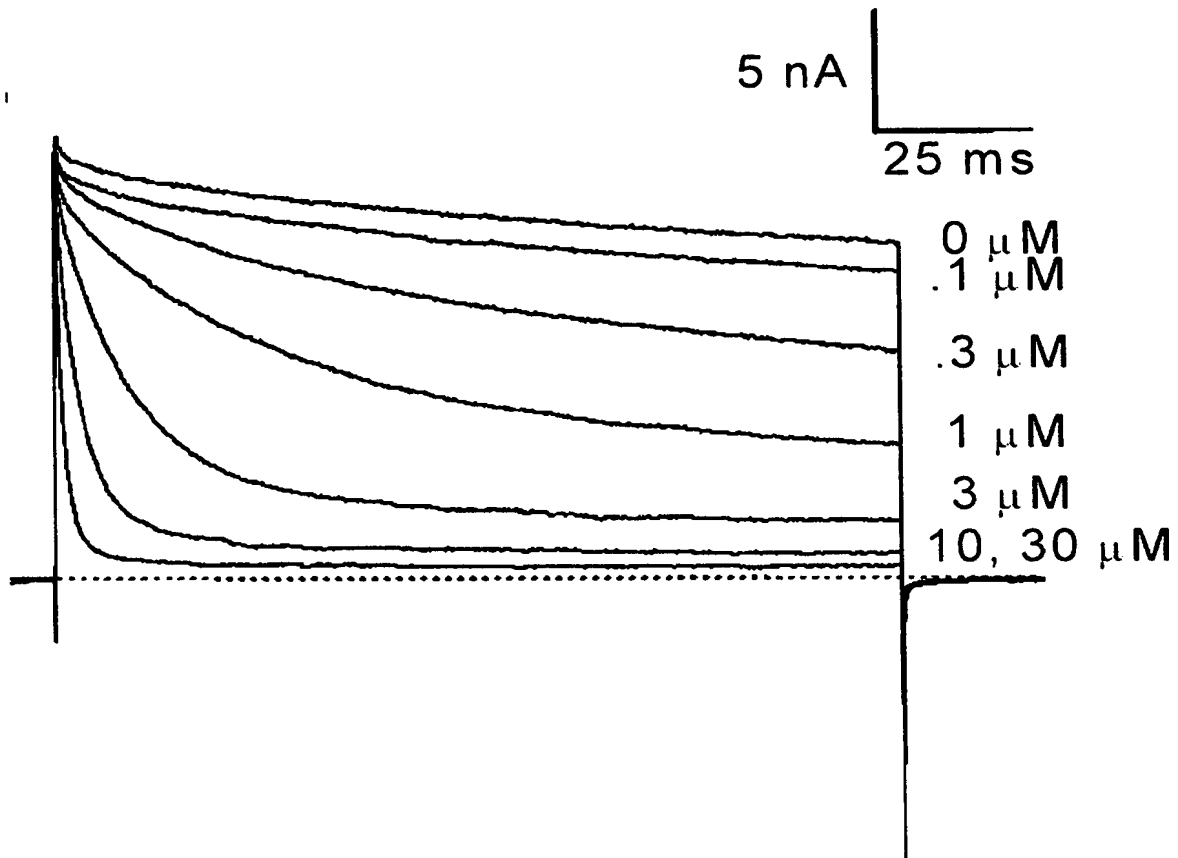


Figure 12

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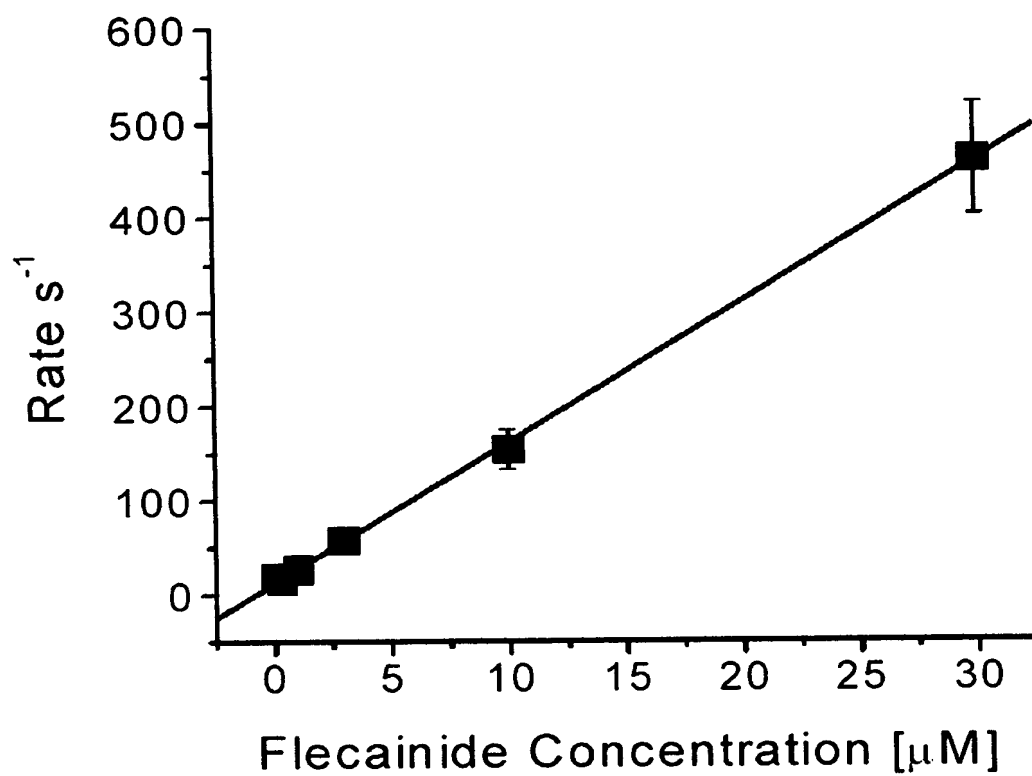


Figure 13